

opFlow Configuration

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The configuration options for opFlow are stored in a *text* file /usr/local/omk/conf/opCommon.nmis.

Configuration items that are not application specific are detailed on the opCommon [Configuration](#) page.

Common Settings to Consider Adjusting

The items below are commonly changed by customers.

Section	Name	Original Value	Description
opflow	opflow_conversation_age_days	30	for act=purge if not capped
opflow	opflow_gui_interface_integrated_index	1	
opflow	opflow_gui_default_period	60m	The default period of time to display statistics in the GUI.
opflow	opflow_url_base	http://yourserver.yourdomain/	for creating links in emails, reports
opflow	opflow_gui_refresh_time	180	Seconds until GUI refreshes itself.
opflow	opflow_resolve_endpoint_dns	false	if false, endpoint addresses are not resolved via dns
opflow	opflow_db_query_timeout	120*1000	2 minute DB query timeout.

Specific Configuration

The opFlow section of opCommon.nmis is for opFlow specific configuration items only.

Section	Name	Original Value	Possible Values	Description
opflow	<opflow_dir>	/var/lib/nfdump	<filepath>	where nfdump inputs are expected, and saved dailies are kept
opflow	opflow_batc_h_insert_size	256	<integer>	
opflow	opflow_chec_k_time	5	<integer>	check for ready nfdump files every X seconds
opflow	opflow_conv_ersation_ag_e_days	30	<integer>	for act=purge if not capped
opflow	opflow_db_c onversations_collectio_n_size	16106127360	<integer>	15 GB
opflow	opflow_db_f lows_collect ion_size	5368709120	<integer>	5 GB
opflow	opflow_db_name	flows		
opflow	opflow_db_query_timeo ut	120*1000		120 seconds
opflow	opflow_defa ult_duration	0.1	<decimal>	
opflow	opflow_defa ult_flows	1	<integer>	
opflow	opflow_defa ult_packets	1	<integer>	for NSEL flows that carry only bytes

opflow	opflow_drop_endpoints	1.1.1.1 1.21.1.1			
opflow	opflow_end_point_age_days	90	<integer>	how long endpoints w/o activity should be kept	
opflow	opflow_gui_agent_custom_button_text	Button Text		Custom agent button	
opflow	opflow_gui_agent_custom_button_url	https://example.com/omk/opCharts/inventory/interfaces	<url>	Custom agent button	
opflow	opflow_gui_default_period	60m			
opflow	opflow_gui_default_summary_type	app_source	"application", "app_source", "app_destination", "app_conversation", "dst_ip", "src_ip", "tos"		
opflow	opflow_gui_display_other	0	<integer>		
opflow	opflow_gui_graph_over_time_per_sec	1	<integer>		
opflow	opflow_gui_hide_interface_performance_graphs	0	<integer>	Option to hide the button Interface Performance Graphs	
opflow	opflow_gui_high_flow_volume	1	<integer>		
opflow	opflow_gui_interface_integrated_index	1	<integer>		
opflow	opflow_gui_no_flows_over_time_graph	0	<integer>		
opflow	opflow_gui_octet_decimals	0	<integer>		
opflow	opflow_gui_octet_display_multiplier	1	<integer>	0.000000953674316	
opflow	opflow_gui_period_values	['15m','30m','60m','90m','2h','4h','8h','12h','24h','2d']			
opflow	opflow_gui_refresh_time	180	<integer>	Seconds until GUI refreshes itself.	
opflow	opflow_high_volume	1	<integer>	insert pre-aggregated flows if set, raw flows if not.	
opflow	opflow_input_maxage	0	<integer>	if set to positive N, ignore flow files older than N seconds	
opflow	opflow_opcharts_password	nm1888	<password>		
opflow	opflow_opcharts_url_base		<url>	base url of remote opCharts server, eg http://other.host.com (no slash at the end)	
opflow	opflow_opcharts_user	nmis	<username>		
opflow	opflow_opstatus_maxage	1209600	<integer>	seconds, 2 weeks	

opflow	opflow_raw_files_age_days	10	<integer>	how long to keep old nfdump files
opflow	opflow_raw_flows_age_days	10	<integer>	as above
opflow	opflow_remoote_flow_processing	0	<integer>	if flows are proccesed/inserted from a different server set this to 1
opflow	opflow_repo_rts_default_css	<omk_public>/omk/css/opFlow_report.css	<relative url>	copied into the report output dir if not present
opflow	opflow_repo_rts_default_js	<omk_public>/omk/js/opFlow_report.js	<relative url>	copied into the report output dir if not present
opflow	opflow_repo_rts_keep	365	<integer>	days to keep report data
opflow	opflow_repo_rts_keep_to_pn	50	<integer>	maximum for report generation
opflow	opflow_resolve_endpoint_dns	false	true, false	if false, endpoint addresses are not resolved via dns
opflow	opflow_server	nmis		
opflow	opflow_summarisation_interval	120	<integer>	bucket size for conversation aggregation
opflow	opflow_summary_stages	{ 'hourly- => { period => 3600, collection_size => 1073741824, collapse_min_bytes => 1024, collapse_min_pkts => 5} }		what long-term summarizations should be performed, 1GB, collapse all conversations with less than X bytes of traffic in the whole period into one, set to zero/undef to disable, or winnow by minimum number of packets. a match of either criterion will cause collapsing
opflow	opflow_url_base	http://yourserver.yourdomain/	<url>	for creating links in emails, reports
opflow	opflowd_max_processes	4	<integer>	
opflow	opflowd_pid	/var/run/opflowd.pid	<filepath>	